

G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:33:47 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 503 TO ITERATE

100.0% PROCESSED 503 ITERATIONS

13 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 8715 TO 11405

PROJECTED ANSWERS: 44 TO 476

L2 13 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 15:33:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 10065 TO ITERATE

100.0% PROCESSED 10065 ITERATIONS

367 ANSWERS

SEARCH TIME: 00.00.01

L3 367 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

166.94

167.15

FILE 'CAPLUS' ENTERED AT 15:33:59 ON 24 APR 2006

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FILE LAST UPDATED: 23 Apr 2006 (20060423/ED)

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<http://www.cas.org/infopolicy.html>

=> s l3

L4 7 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2005:1240775 CAPLUS

DOCUMENT NUMBER:

144:17202

TITLE:

Novel 2-amino-4-quinazolinones and 2-amino-4-oxoquinazolinones as LXR (liver X receptor) nuclear receptor binding compounds with partial agonistic properties

INVENTOR(S):

Deuschle, Ulrich; Loebbert, Ralph; Blume, Beatrix; Kogel, Manfred; Kresser, Claus; Kober, Ingo; Bauer, Ulrike; Hermann, Kristina; Albers, Michael

PATENT ASSIGNEE(S):

Germany

SOURCE:

U.S. Pat. Appl. Publ. 52 pp.

DOCUMENT TYPE:

CODEN: USXXCO

LANGUAGE:

Patent

FAMILY ACC. NUM. COUNT:

English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005261319	A1	20051124	US 2005-76163	20050309
EP 1407774	A1	20040414	EP 2002-20255	20020910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CA 2498655	AA	20040325	CA 2003-2498655	20030702
WO 2004024162	A1	20040325	WO 2003-EP7067	20030702
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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AU 2003296861	A1	20040430	AU 2003-296861	20030702
JP 2006502169	T2	20060119	JP 2004-535046	20030702
WO 2004024161	A1	20040325	WO 2003-EP10036	20030910
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003271595	A1	20040430	AU 2003-271595	20030910
EP 1536799	A1	20050608	EP 2003-753402	20030910
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PRIORITY APPLN. INFO:			EP 2002-20255	A 20020910
			WO 2003-EP7067	A2 20030702

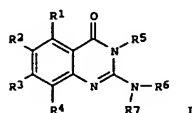
L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

WO 2003-EP10036 A2 20030910

OTHER SOURCE(S):

MARPAT 144:17202

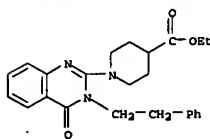
GI



AB The present invention relates to compds. according to the general formula (I) wherein R1, R2, R3 and/or R4, are independently from each other selected from H, halogen, hydroxy, protected hydroxy, cyano, nitro, C1 to C6 alkyl, C1 to C6 substituted alkyl, C1 to C7 alkoxy, C1 to C7 substituted alkoxy, C1 to C7 acyl, C1 to C7 substituted acyl, C1 to C7 acyloxy, carboxy, protected carboxy, carboxymethyl, protected carboxymethyl, hydroxymethyl, protected hydroxymethyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino, (disubstituted) amino, carboxamide, protected carboxamide, N-(C1 to C6 alkyl)carboxamide, protected N-(C1 to C6 alkyl)carboxamide, N,N-di(C1 to C6 alkyl)carboxamide, trifluoromethyl, N-[(C1 to C6 alkyl)sulfonyl]amino, N-(phenylsulfonyl)amino or substituted or unsubstituted phenyl; R5 is H, C1 to C8 alkyl, C1 to C8 substituted alkyl, C7 to C12 alkylphenyl or C7 to C12 substituted phenylalkyl, R6 is H, C1 to C8 alkyl, C1 to C8 substituted alkyl, C7 to C12 alkylphenyl or C7 to C12 substituted phenylalkyl, R7 is H, C1 to C8 alkyl, C1 to C8 substituted alkyl, C7 to C12 alkylphenyl or C7 to C12 substituted phenylalkyl, and R6 and R7 may be taken together with nitrogen to form a heterocycle or substituted heterocycle or a heteroaryl or substituted heteroaryl ring. I bind to the LXR receptors and act as agonists and antagonists of the LXR receptors. The invention further relates to the treatment of diseases and/or conditions through binding of said nuclear receptor by said compds. and the production of medicaments using said compds.

IT 671211-38-4
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(novel 2-aminoquinazolinones and 2-amino-4-oxoquinazolinones as LXR nuclear receptor binding compds. with partial agonistic properties for treatment of diseases)
RN 671211-38-4 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[3,4-dihydro-4-oxo-3-(2-phenylethyl)-2-quinazolinyl]-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2005:490293 CAPLUS

DOCUMENT NUMBER:

143:43903

TITLE:

Preparation of piperazinylguanidinoquinazolinones as melanocortin-4 receptor (MCR-4) agonists with reduced bioaccumulation

INVENTOR(S):

Boyce, Rustum S.; Speake, Jason D.; Phillips, James

PATENT ASSIGNEE(S):

Chiron Corporation, USA; Glaxosmithkline

SOURCE:

PCT Int. Appl., 199 pp.

DOCUMENT TYPE:

CODEN: PIXXD2

LANGUAGE:

Patent

FAMILY ACC. NUM. COUNT:

English

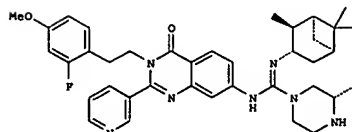
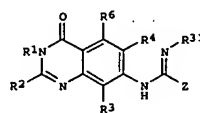
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005051391	A1	20050609	WO 2004-US39020	20041119
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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US 2005192297	A1	20050901	US 2004-993147	20041119
PRIORITY APPLN. INFO:			US 2003-52336P	P 20031119
			US 2003-524492P	P 20031124

OTHER SOURCE(S):

MARPAT 143:43903

GI



II

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

AB Title compds. [I; R1 = (substituted) aralkyl, heteroarylalkyl, aryl, heteroaryl, cycloalkyl, heterocycloalkyl, cycloalkylalkyl, alkenyl, alkynyl, alkyl; R2 = H, (substituted) aralkyl, heteroarylalkyl, alkoxy, alkylamino, dialkylamino, aryl, heteroaryl, heterocyclyl, cycloalkyl, heterocycloalkyl, cycloalkylalkyl, alkenyl, alkynyl, alkyl; R3, R4, R5 = H, Cl, F, Br, Iodo, OH, NH2, cyano, NO2, (substituted) alkoxy, alkyl; R31 = H, (substituted) alkyl, aryl, alkenyl, alkynyl, cycloalkyl, heteroaryl, heterocyclyl, heterocyclylalkyl, aralkyl, heteroarylalkyl, cycloalkylalkyl; Z = (substituted) 3-oxopiperazinyl; and tautomers], were prepared. Thus, title compound (II) (preparation via coupling of 6-methylpiperazin-2-one with the corresponding quinazolinylthiourea derivative

in the presence of polymer-supported carbodiimide) showed a plasma half life of 1.9 h in mice.

IT 817626-61-4P 817627-28-4P 817627-29-5P

817627-30-8P 817627-35-3P 817627-36-4P

817627-41-1P 817627-42-2P 817627-43-3P

817627-44-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

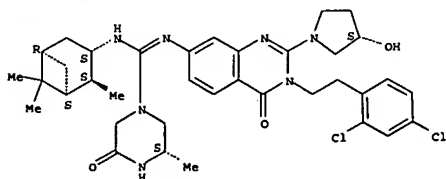
(preparation of piperazinylguanidinoquinazolinones as melanocortin-4 receptor (MCR-4) agonists with reduced bioaccumulation)

RN 817626-61-4 CAPLUS

CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-

dihydro-2-[(3S)-3-hydroxy-1-pyrrolidinyl]-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5R)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

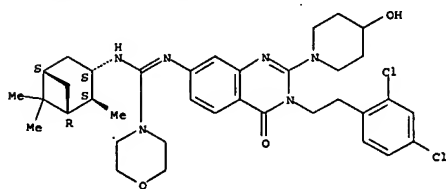


RN 817627-28-4 CAPLUS

CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

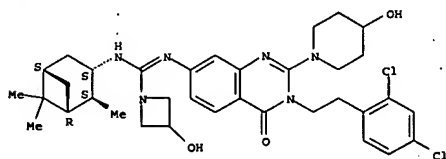
L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 817627-35-3 CAPLUS

CN 1-Azetidinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-3-hydroxy-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

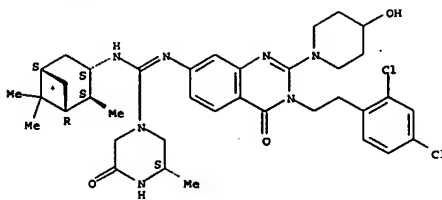


RN 817627-36-4 CAPLUS

CN 1-Piperazinecarboximidamide, 4-cyano-N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-3,5-dimethyl-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (3R,5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

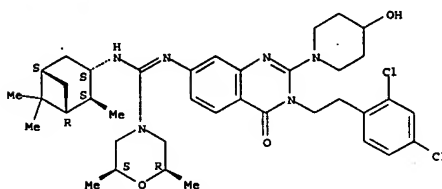


RN 817627-29-5 CAPLUS

CN 4-Morpholinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-

dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-2,6-dimethyl-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (2R,6S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



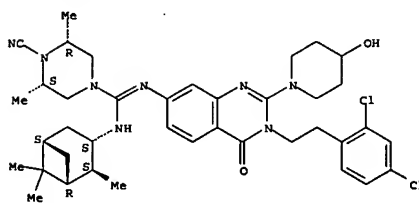
RN 817627-30-8 CAPLUS

CN 4-Morpholinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-

dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

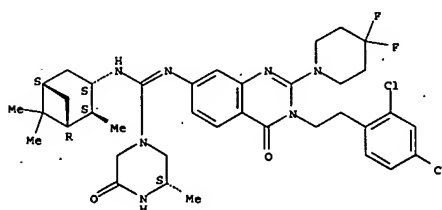
L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 817627-41-1 CAPLUS

CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-2-(4,4-difluoro-1-piperidinyl)-3,4-dihydro-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

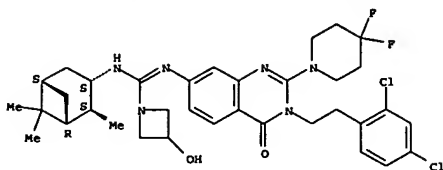


RN 817627-42-2 CAPLUS

CN 1-Azetidinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-2-(4,4-difluoro-1-piperidinyl)-3,4-dihydro-4-oxo-7-quinazolinyl]-3-hydroxy-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

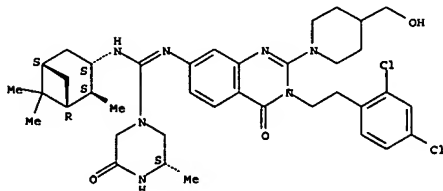
Absolute stereochemistry.

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 817627-43-3 CAPLUS
 CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-[4-(hydroxymethyl)-1-piperidinyl]-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 817627-44-4 CAPLUS
 CN 1-Azetidinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-[4-(hydroxymethyl)-1-piperidinyl]-4-oxo-7-quinazolinyl]-3-hydroxy-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (9CI) (CA INDEX NAME)

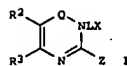
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:135412 CAPLUS
 DOCUMENT NUMBER: 142:240442
 TITLE: Preparation of pyrimidinones as dipeptidyl peptidase IV (DPP-IV) inhibitors
 INVENTOR(S): Peng, Jun; Gwaltney, Stephen L., II; Kaldor, Stephen W.; Stafford, Jeffrey A.; Wallace, Michael B.; Zhang, Zhiyuan
 PATENT ASSIGNER(S): Syrrx, Inc., USA
 SOURCE: Eur. Pat. Appl., 102 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1506967	A1	20050216	EP 2004-254864	20040812
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,				
HR				
AU 2004265341	A1	20050224	AU 2004-265341	20040812
CA 2535619	AA	20050224	CA 2004-2535619	20040812
WO 2005016911	A1	20050224	WO 2004-US26265	20040812
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RM: BW, GH, GM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LJ, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CP, CO, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005065148	A1	20050324	US 2004-918318	20040812
US 2005070530	A1	20050331	US 2004-917955	20040812
US 2005070531	A1	20050331	US 2004-918186	20040812
US 2005070535	A1	20050331	US 2004-918317	20040812
US 2005070706	A1	20050331	US 2004-918326	20040812
US 2005075330	A1	20050407	US 2004-918327	20040812
JP 2005060401	A2	20050310	JP 2004-263071	20040813
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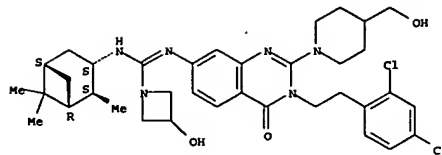
OTHER SOURCE(S): MARPAT 142:240442
 G1



AB Title compds. [1: Q = CO, SO, SO2, C:NR4; Z = halo, perhaloalkyl, amino.

Habe

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
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L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

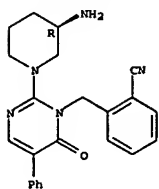
cyano, (substituted) alkyl, cycloalkyl, aryl, heteroaryl, alkylcarbonyl, etc.; R2, R3 = H, halo, perhaloalkyl, amino, cyano, NO2, SH, (substituted)
 alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aralkyl, heteroarylalkyl, aryl, heteroaryl, etc.; R4 = H, (substituted) alkyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl, aralkyl, heteroarylalkyl, bicycloalkyl, heterobicycloalkyl; E = 0-6 atom linker; X = OH, (substituted)
 alkyl, cycloalkyl, heterocycloalkyl, aralkyl, heteroarylalkyl, bicycloalkyl, heterobicycloalkyl, alkylcarbonyl, alkylthiocarbonyl, alkylsulfonylethyl, aryl, heteroaryl, alkoxy, aryloxy, heteroaryloxy, alkenyl, alkynyl, etc.), were prepd. Thus, 2-(5-bromo-2-chloro-6-oxo-6H-pyrimidin-1-yl)methylbenzonitrile (prepn. given), (R)-3-aminopiperidine dihydrochloride, and NaHCO3 were stirred together for 90 min. in EtOH to give 624 2-[2-(3-aminopiperidin-1-yl)-5-bromo-6-oxo-6H-pyrimidin-1-yl)methylbenzonitrile. 1 inhibited DPP-IV with Ki = 10-9 M to 10-5 M.

IT 844842-48-4P 844842-51-9P 844842-53-1P
 844842-56-4P 844842-58-6P 844842-60-0P
 844842-62-2P 844842-64-4P 844842-66-6P
 844842-68-8P 844842-70-2P 844842-74-6P
 844842-76-8P 844842-78-0P 844842-79-1P
 844842-80-4P 844842-81-3P 844842-82-6P
 844842-83-7P 844842-84-3P 844842-85-9P
 844842-87-1P 844842-88-2P 844842-89-3P
 844842-90-6P 844842-91-7P 844842-92-8P
 844842-93-3P 844842-94-0P 844842-95-1P
 844842-96-2P 844842-97-3P 844842-98-4P
 844842-99-5P 844843-00-1P 844843-01-2P
 844843-02-3P 844843-03-4P 844843-04-5P
 844843-06-7P 844843-08-9P 844843-09-0P
 844843-10-1P 844843-11-4P 844843-12-5P
 844843-13-6P 844843-14-7P 844843-15-8P
 844843-16-9P 844843-17-0P 844843-19-2P
 844843-21-6P 844843-22-7P 844843-23-8P
 844843-24-3P 844843-26-1P 844843-27-2P
 844843-28-3P 844843-29-4P 844843-30-7P
 844843-31-8P 844843-32-9P 844843-33-0P
 844843-34-1P 844843-35-2P 844843-36-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (claimed compound; preparation of pyrimidinones as dipeptidyl peptidase IV inhibitors)
 RN 844842-48-4 CAPLUS
 CN Benzonitrile, 2-[[[2-(3R)-3-amino-1-piperidinyl]-6-oxo-5-phenyl-1(6H)-pyrimidin-1-yl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

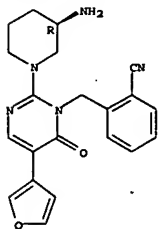
04/24/2006

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-51-9 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

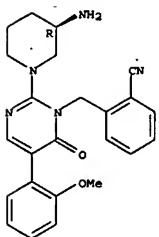
Absolute stereochemistry.



RN 844842-53-1 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(2-fluorophenyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

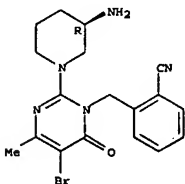
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-60-0 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-4-methyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

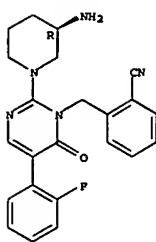
Absolute stereochemistry.



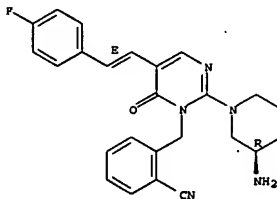
RN 844842-62-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-phenyl-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



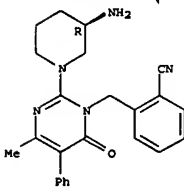
RN 844842-56-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-[(1E)-2-(4-fluorophenyl)ethenyl]-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

RN 844842-58-6 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(2-methoxyphenyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

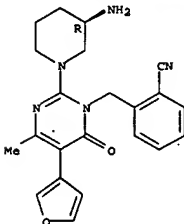
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-64-4 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-4-methyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

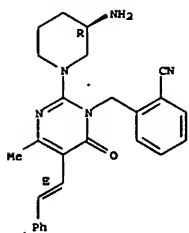
Absolute stereochemistry.



RN 844842-66-6 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-[(1E)-2-phenylethenyl]-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

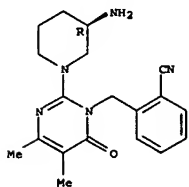
Absolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-68-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4,5-dimethyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

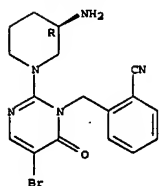
Absolute stereochemistry.



RN 844842-70-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

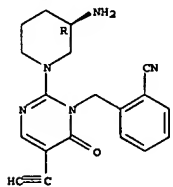
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



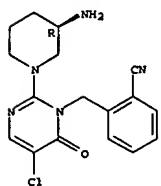
RN 844842-78-0 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethynyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-79-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

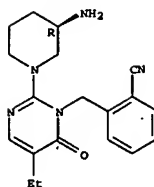
Absolute stereochemistry.



RN 844842-80-4 CAPLUS

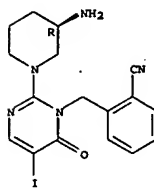
Habte

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-74-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-iodo-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

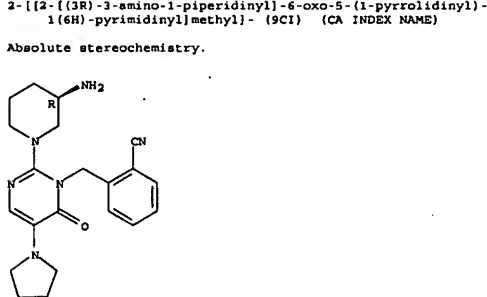
Absolute stereochemistry.



RN 844842-76-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

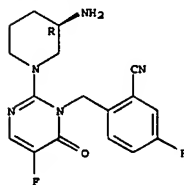
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-81-5 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-5-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

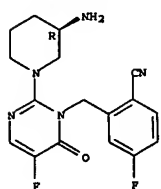


RN 844842-82-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

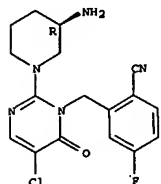
04/24/2006

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-83-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

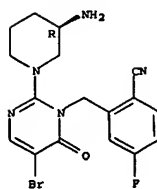
Absolute stereochemistry.



RN 844842-84-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

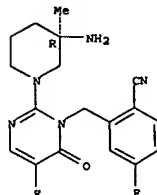
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-85-9 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

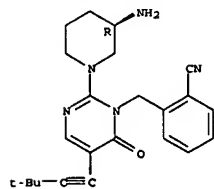
Absolute stereochemistry.



RN 844842-87-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3,3-dimethyl-1-butynyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

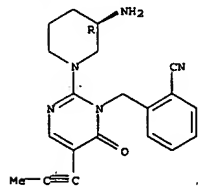
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



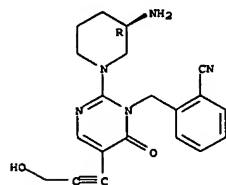
RN 844842-88-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-(1-propynyl)-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-89-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-hydroxy-1-propynyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

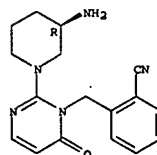
Absolute stereochemistry.



L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

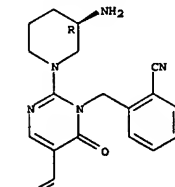
RN 844842-90-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-91-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethenyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

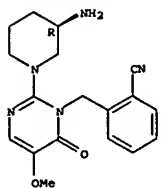
Absolute stereochemistry.



RN 844842-92-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-methoxy-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

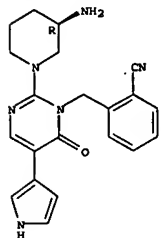
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-93-9 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-(1H-pyrrol-3-yl)-
 1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

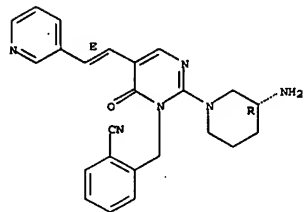
Absolute stereochemistry.



RN 844842-94-0 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-
 pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

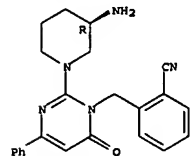
Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



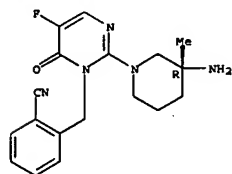
RN 844842-97-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-4-phenyl-1(6H)-
 pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-98-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-fluoro-6-oxo-
 1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

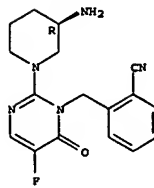
Absolute stereochemistry.



RN 844842-99-5 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-chloro-6-oxo-
 1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

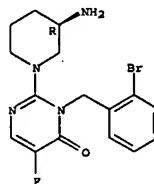
Habe

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-95-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-3-[(2-
 bromophenyl)methyl]-5-fluoro-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

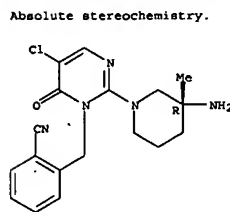
Absolute stereochemistry.



RN 844842-96-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-[(1E)-2-(3-
 pyridinyl)ethenyl]-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

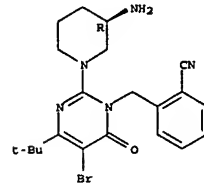
Absolute stereochemistry.
 Double bond geometry as shown.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844843-00-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-4-(1,1-
 dimethylethyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844843-01-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-phenyl-1(6H)-
 pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

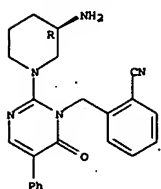
CN 1

CRN 844842-48-4
 CIP C23 H23 N5 O

Absolute stereochemistry.

04/24/2006

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

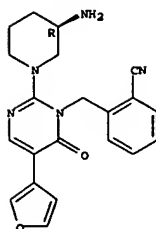
RN 844843-02-3 CAPLUS
CN Benzonitrile,
2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-6-oxo-1(6H)-
pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-51-9
CMF C21 H21 N5 O2

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

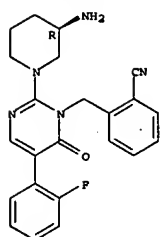
RN 844843-03-4 CAPLUS
CN Benzonitrile,
2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(2-fluorophenyl)-6-oxo-
1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-53-1
CMF C23 H22 F N5 O

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

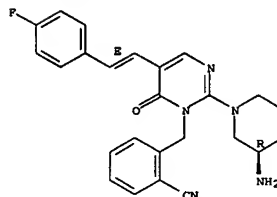
CRN 76-05-1
CMF C2 H F3 O2

RN 844843-04-5 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-[(1E)-2-(4-
fluorophenyl)ethenyl]-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate
(9CI) (CA INDEX NAME)

CM 1

CRN 844842-56-4
CMF C25 H24 F N5 OAbsolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

RN 844843-06-7 CAPLUS
CN Benzonitrile,
2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(2-methoxyphenyl)-6-oxo-
1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

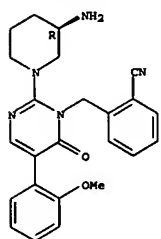
CM 1

CRN 844842-58-6
CMF C24 H25 N5 O2

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

(Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

RN 844843-08-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-4-methyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-60-0
CMF C18 H20 Br N5 O

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

(Continued)

CM 2

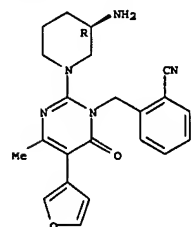
CRN 76-05-1
CMF C2 H F3 O2

RN 844843-10-3 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-4-methyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-64-4
CMF C22 H23 N5 O2

Absolute stereochemistry.

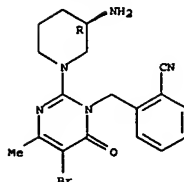


CM 2

CRN 76-05-1
CMF C2 H F3 O2

Habte

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

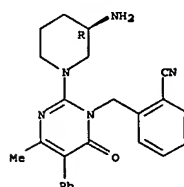
CRN 76-05-1
CMF C2 H F3 O2

RN 844843-09-0 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-phenyl-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-62-2
CMF C24 H25 N5 O

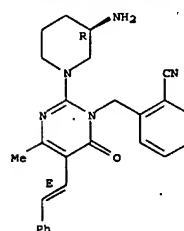
Absolute stereochemistry.



L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 844843-11-4 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-[(1E)-2-phenylethenyl]-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-66-6
CMF C26 H27 N5 OAbsolute stereochemistry.
Double bond geometry as shown.

CM 2

CRN 76-05-1
CMF C2 H F3 O2

RN 844843-12-5 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4,5-dimethyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

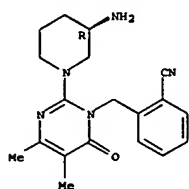
CM 1

CRN 844842-68-8
CMF C19 H23 N5 O

Absolute stereochemistry.

04/24/2006

L4 ANSWER 3 OF 7 CAPIUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

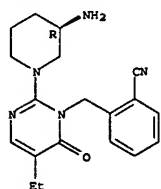
CRN 76-05-1
CMP C2 H F3 O2

RN 844843-13-6 CAPIUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-70-2
CMP C19 H23 N5 O

Absolute stereochemistry.



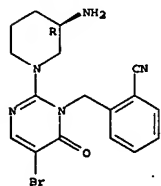
L4 ANSWER 3 OF 7 CAPIUS COPYRIGHT 2006 ACS on STN (Continued)

RN 844843-15-8 CAPIUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-76-8
CMP C17 H18 Br N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMP C2 H F3 O2

RN 844843-16-9 CAPIUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-79-1
CMP C17 H18 Cl N5 O

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPIUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

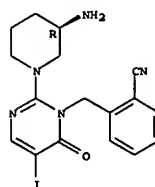
CRN 76-05-1
CMP C2 H F3 O2

RN 844843-14-7 CAPIUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-iodo-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-74-6
CMP C17 H18 I N5 O

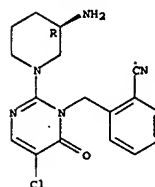
Absolute stereochemistry.



CM 2

CRN 76-05-1
CMP C2 H F3 O2

L4 ANSWER 3 OF 7 CAPIUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

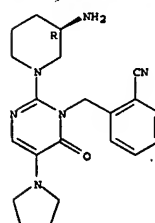
CRN 76-05-1
CMP C2 H F3 O2

RN 844843-17-0 CAPIUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-(1-pyrrolidinyl)-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-80-4
CMP C21 H26 N6 O

Absolute stereochemistry.



L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

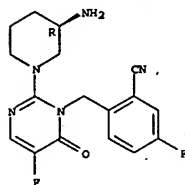
CRN 76-05-1
CMP C2 H F3 O2

RN 844843-19-2 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-5-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-81-5
CMP C17 H17 F2 N5 O

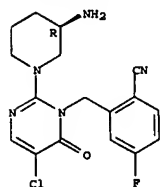
Absolute stereochemistry.



CM 2

CRN 76-05-1
CMP C2 H F3 O2

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

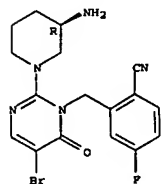
CRN 76-05-1
CMP C2 H F3 O2

RN 844843-23-8 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-84-8
CMP C17 H17 Br F N5 O

Absolute stereochemistry.



CM 2

Habte

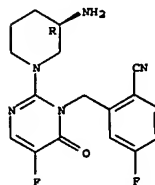
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 844843-21-6 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-82-6
CMP C17 H17 F2 N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMP C2 H F3 O2

RN 844843-22-7 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-83-7
CMP C17 H17 Cl F N5 O

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 76-05-1
CMP C2 H F3 O2

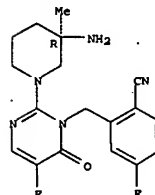


RN 844843-24-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-85-9
CMP C18 H19 F2 N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMP C2 H F3 O2

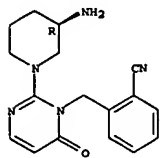
RN 844843-26-1 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

04/24/2006

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CRN 844843-90-6
 CMP C17 H19 N5 O

Absolute stereochemistry.



CM 2
 CRN 76-05-1
 CMP C2 H F3 O2

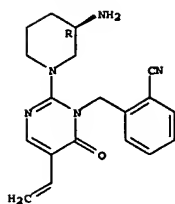


RN 844843-27-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethenyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
 CRN 844842-91-7
 CMP C19 H21 N5 O

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2
 CRN 76-05-1
 CMP C2 H F3 O2

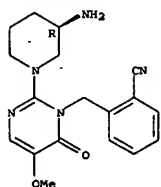


RN 844843-28-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-methoxy-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
 CRN 844842-92-8
 CMP C18 H21 N5 O2

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



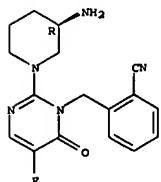
CM 2
 CRN 76-05-1
 CMP C2 H' F3 O2



RN 844843-29-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
 CRN 844842-94-0
 CMP C17 H18 F N5 O

Absolute stereochemistry.



CM 2

Habte

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

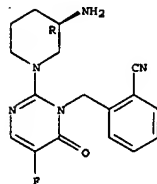
CRN 76-05-1
 CMP C2 H F3 O2



RN 844843-30-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-, (2R,3R)-2,3-dihydroxybutanedioate (9CI) (CA INDEX NAME)

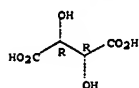
CM 1
 CRN 844842-94-0
 CMP C17 H18 F N5 O

Absolute stereochemistry.



CM 2
 CRN 87-69-4
 CMP C4 H6 O6

Absolute stereochemistry.

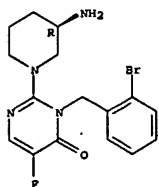


RN 844843-31-8 CAPLUS
 CN 4(3H)-Pyrimidinone, 2-[[2-[(3R)-3-amino-1-piperidinyl]-3-[(2-bromophenyl)methyl]-5-fluoro-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

04/24/2006

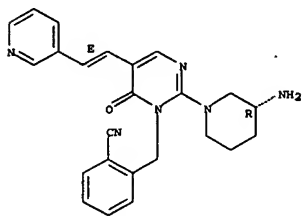
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● x HCl

RN 844843-32-9 CAPLUS
 CN Benzonitrile, 2-([2-([3R]-3-amino-1-piperidinyl)-6-oxo-5-[(1E)-2-(3-pyridinyl)ethenyl]-1(6H)-pyrimidinyl)methyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

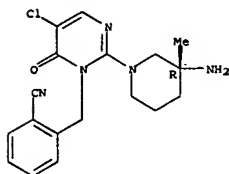


● x HCl

RN 844843-33-0 CAPLUS
 CN Benzonitrile, 2-([2-([3R]-3-amino-1-piperidinyl)-6-oxo-4-phenyl-1(6H)-pyrimidinyl)methyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



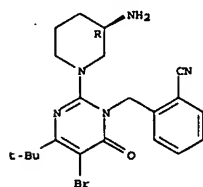
● x HCl

RN 844843-36-3 CAPLUS
 CN Benzonitrile, 2-([2-([3R]-3-amino-1-piperidinyl)-5-bromo-4-(1,1-dimethylethyl)-6-oxo-1(6H)-pyrimidinyl)methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844843-00-1
 CMP C21 H26 Br N5 O

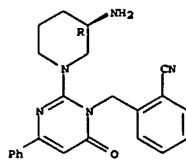
Absolute stereochemistry.



CM 2

CRN 76-05-1
 CMP C3 H F3 O2

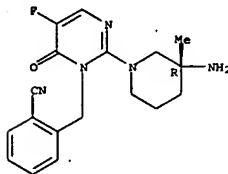
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● x HCl

RN 844843-34-1 CAPLUS
 CN Benzonitrile, 2-([2-([3R]-3-amino-3-methyl-1-piperidinyl)-5-fluoro-6-oxo-1(6H)-pyrimidinyl)methyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● x HCl

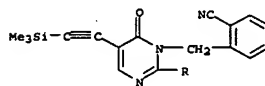
RN 844843-35-2 CAPLUS
 CN Benzonitrile, 2-([2-([3R]-3-amino-3-methyl-1-piperidinyl)-5-chloro-6-oxo-1(6H)-pyrimidinyl)methyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

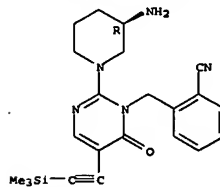


IT 844843-44-3P 844843-72-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrimidinones as dipeptidyl peptidase IV inhibitors)
 RN 844843-44-3 CAPLUS
 CN Benzonitrile, 2-([2-([3R]-3-amino-1-piperidinyl)-6-oxo-5-[(trimethylsilyl)ethynyl]-1(6H)-pyrimidinyl)methyl]- (9CI) (CA INDEX NAME)



RN 844843-72-7 CAPLUS
 CN Benzonitrile, 2-([2-([3R]-3-amino-1-piperidinyl)-6-oxo-5-[(trimethylsilyl)ethynyl]-1(6H)-pyrimidinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

8

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

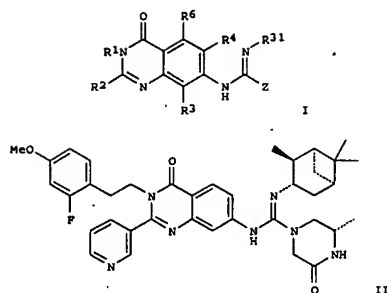
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:1156498 CAPLUS
 DOCUMENT NUMBER: 142:93848
 TITLE: Preparation of guanidino-substituted quinazolinone compounds as MC4-R agonists
 INVENTOR(S): Boyce, Rustum S.; Aurrecocheas, Natalia; Chu, Daniel; Smith, Aaron; Conlee, Christopher R.; Thompson, Brian D.; De Armas, Kuntz Judith; Russo, David L.; Barvian, Kevin K.; Thomson, Stephen A.; Swain, William R.; Du, Kien S.; Chauder, Brian A.; Speake, Jason D.; Bishop, Michael J.
 PATENT ASSIGNEE(S): Chiron Corporation, USA; GlaxoSmithKline
 SOURCE: PCT Int. Appl., 277 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004112793	A1	20041229	WO 2004-US15959	20040521
WO 2004112793	B1	20050310		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SN, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TO				
AU 2004249120	A1	20041229	AU 2004-249120	20040521
CA 2523015	AA	20041229	CA 2004-2523015	20040521
US 2005059662	A1	20050317	US 2004-850967	20040521
PRIORITY APPLN. INFO.: US 2003-473317P P 20030523				
US 2003-523336P P 20031119				
US 2003-524492P P 20031124				
WO 2004-US15959 W 20040521				

OTHER SOURCE(S): MARPAT 142:93848
 GI

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



AB A variety of small mol., guanidine-containing mols. capable of acting as MC4-R

agonists such as I-III [Z1 = CR4, N; Z2 = CR5, N; Z3 = CR6, N; R1 = (un)substituted arylalkyl, heteroarylalkyl, aryl, heteroaryl, etc.; R2 = H, alkyl, aryl, etc.; R3 = H, arylalkyl, aryl, etc.; R4-R6 = H, Cl, I, F, Br, OH, etc.; W = IV (wherein R11, R12 = H, (un)substituted alkyl, aryl, etc.; at least one of R11 and R12 is (un)substituted heterocyclylalkyl; R13 = H, (un)substituted aryl, alkyl, etc.; R14 = H, (un)substituted alkyl, cycloalkyl, etc.) are provided. General procedures used in the synthesis of compds. I-III are described. E.g., a multi-step synthesis of (1S,2S,3S,5R)-V, was given. The exemplified compds. I-III were tested against MC4-R and exhibited -logEC50 values above about 3. The compds. I are useful in treating MC4-R mediated diseases such as obesity and type

II diabetes. The pharmaceutical composition comprising the compound I is disclosed.

IT 817626-63-4P 817627-28-4P 817627-29-3P
 817627-30-8P 817627-35-3P 817627-36-4P
 817627-41-1P 817627-42-2P 817627-43-3P
 817627-44-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of guanidino-substituted quinazolinone compds. as MC4-R agonists)

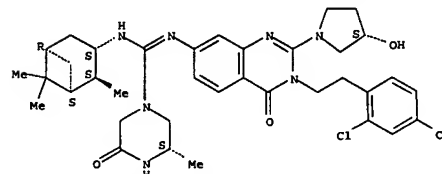
RN 817626-63-4 CAPLUS

CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-[(3S)-3-hydroxy-1-pyrrolidinyl]-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Hasbe

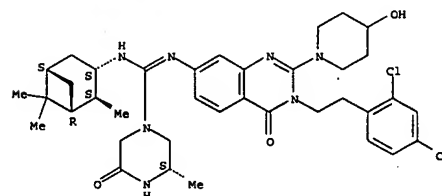
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 817627-28-4 CAPLUS

CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 817627-29-5 CAPLUS

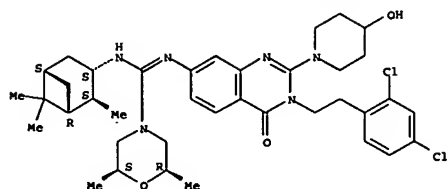
CN 4-Morpholinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-2,6-dimethyl-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]-, (2R,6S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

04/24/2006

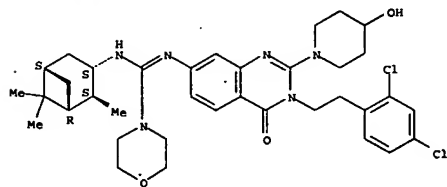
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN

(Continued)



RN 817627-30-8 CAPLUS
 CN 4-Morpholinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

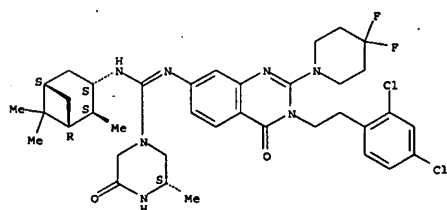


RN 817627-35-3 CAPLUS
 CN 1-Azetidinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-3-hydroxy-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

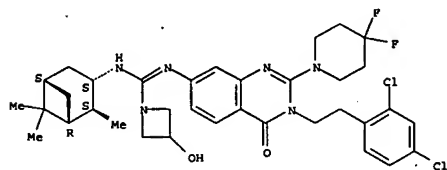
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN

(Continued)



RN 817627-42-2 CAPLUS
 CN 1-Azetidinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-2-(4,4-difluoro-1-piperidinyl)-3,4-dihydro-4-oxo-7-quinazolinyl]-3-hydroxy-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

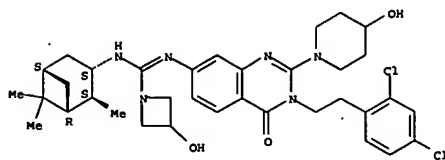


RN 817627-43-3 CAPLUS
 CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-[4-(hydroxymethyl)-1-piperidinyl]-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (3S) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

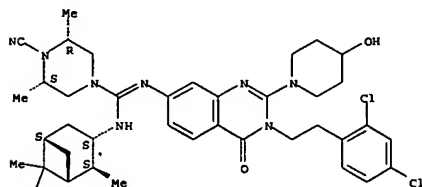
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN

(Continued)



RN 817627-36-4 CAPLUS
 CN 1-Piperazinecarboximidamide, 4-cyano-N-[3-[2-(2,4-dichlorophenyl)ethyl]-3,4-dihydro-2-(4-hydroxy-1-piperidinyl)-4-oxo-7-quinazolinyl]-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

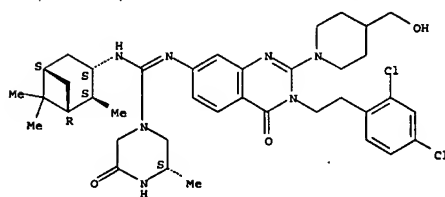


RN 817627-41-1 CAPLUS
 CN 1-Piperazinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-2-(4,4-difluoro-1-piperidinyl)-3,4-dihydro-4-oxo-7-quinazolinyl]-3-methyl-5-oxo-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (3S) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

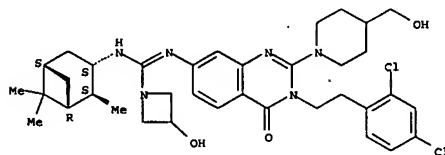
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN

(Continued)



RN 817627-44-4 CAPLUS
 CN 1-Azetidinecarboximidamide, N-[3-[2-(2,4-dichlorophenyl)ethyl]-2-(4,4-difluoro-1-piperidinyl)-3,4-dihydro-4-oxo-7-quinazolinyl]-3-hydroxy-N'-[(1R,2S,3S,5S)-2,6,6-trimethylbicyclo[3.1.1]hept-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



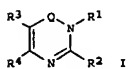
REFERENCE COUNT: 3 . THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)
 ACCESSION NUMBER: 2004:857326 CAPLUS
 DOCUMENT NUMBER: 141:109639
 TITLE: Dipeptidyl peptidase inhibitors
 INVENTOR(S): Feng, Jun; Gwaltney, Stephen L.; Kaldor, Stephen W.;
 Stafford, Jeffrey A.; Wallace, Michael B.; Zhang,
 Zhiyuan
 PATENT ASSIGNEE(S): Syrrx, Inc., USA
 SOURCE: PCT Int. Appl., 244 pp.
 CODEN: FIKX2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

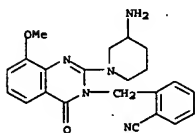
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087053	A2	20041014	WO 2004-US9217	20040324
WO 2004087053	C2	20041111		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RM: BM, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, ML, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2518465	AA	20041014	CA 2004-2518465	20040324
US 2004242568	A1	20041202	US 2004-809636	20040324
US 2004242566	A1	20041202	US 2004-809638	20040324
US 2004259870	A1	20041223	US 2004-809637	20040324
US 2005004117	A1	20050106	US 2004-809635	20040324
EP 1608317	A2	20051228	EP 2004-758366	20040324
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			US 2003-457785P	P 20030325
PRIORITY APPLN. INFO.:			WO 2004-US9217	W 20040324

OTHER SOURCE(S): MARPAT 141:309639
 GI

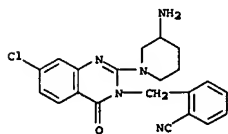


AB Dipeptidyl peptidase IV inhibitors I [Q = CO, SO, SO₂, C:NR₅; R₁ = ZR₆; Z = moiety providing 1-6 atom separation between R₆ and ring; R₂ =

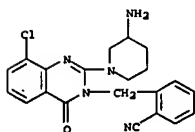
L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)
 RN 769157-56-4 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-6-methoxy-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)



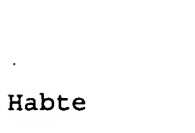
RN 769157-57-5 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-7-chloro-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)



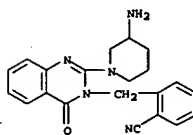
RN 769157-58-6 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-8-chloro-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)



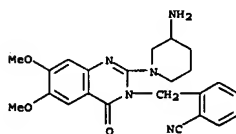
RN 769157-59-7 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-6-fluoro-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)



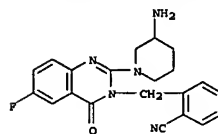
L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)
 (substituted)3-7-membered ring; R₃, R₄ = taken together form a (substituted)5-6-membered ring; R₅ = H, (substituted)alkyl, cycloalkyl, etc.; R₆ = (substituted)C₃-7-cycloalkyl or aryl are disclosed. Thus, 2-[(2-(3-amino-1-piperidinyl)-6,7-dimethoxy-4-oxo-3(4H)-quinazolin-3-ylmethyl)benzonitrile] (I; R₁ = 2-cyanophenylmethyl; R₂ = 3-amino-1-piperidin-1-yl; R₃, R₄ = dimethoxyphenyl) was synthesized. This compd. exhibited enhanced stability in rat liver microsomes.
 IT 769157-54-2P 769157-55-3P 769157-56-4P
 769157-57-5P 769157-58-6P 769157-59-7P
 769157-60-0P 769157-61-1P 769157-62-2P
 769157-63-3P 769157-65-5P 769157-67-7P
 769157-69-9P 769157-71-3P 769157-73-5P
 769157-77-9P 769157-79-1P 769157-80-4P
 769157-81-5P 769157-82-6P 769157-83-7P
 769157-84-8P 769157-85-9P 769157-86-0P
 769157-87-1P 769157-88-2P 769157-89-3P
 769157-91-7P 769157-92-8P 769157-93-9P
 769157-94-0P 769157-95-1P 769158-01-2P
 769158-02-3P 769158-03-4P 769158-04-5P
 769158-05-6P 769158-06-7P 769158-14-7P
 RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (dipeptidyl peptidase inhibitors)
 RN 769157-54-2 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)



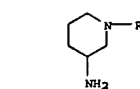
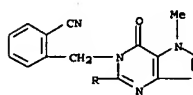
RN 769157-55-3 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-6,7-dimethoxy-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)



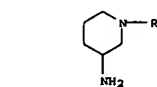
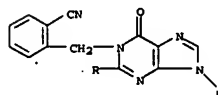
L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)



RN 769157-60-0 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-6,7-dihydro-7-methyl-6-oxo-1H-purin-1-yl)methyl]- (9CI) (CA INDEX NAME)



RN 769157-61-1 CAPLUS
 CN Benzonitrile, 2-[(2-(3-amino-1-piperidinyl)-6,9-dihydro-9-methyl-6-oxo-1H-purin-1-yl)methyl]- (9CI) (CA INDEX NAME)

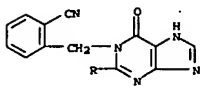


RN 769157-62-2 CAPLUS

04/24/2006

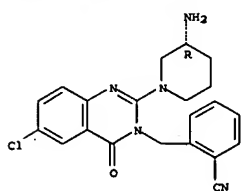
Habte

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidiny]-6,7-dihydro-6-oxo-1H-purin-1-yl)methyl]- (9CI) (CA INDEX NAME)



RN 769157-63-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidiny]-6-chloro-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



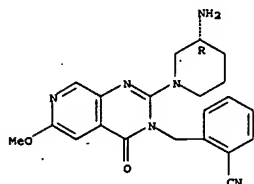
RN 769157-65-5 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidiny]-7-fluoro-6-methoxy-4-oxo-3(4H)-quinazolinyl)methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-64-4
 CMP C22 H22 F N5 O2

Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
 CMP C2 H F3 O2

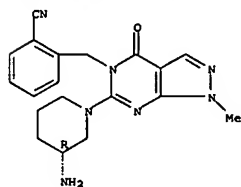


RN 769157-69-9 CAPLUS
 CN Benzonitrile, 2-[[6-[(3R)-3-amino-1-piperidiny]-1,4-dihydro-1-methyl-4-oxo-5H-pyrazolo[3,4-d]pyrimidin-5-yl)methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-68-8
 CMP C19 H21 N7 O

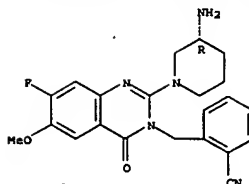
Absolute stereochemistry.



CM 2

Habte

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
 CMP C3 H F3 O2



RN 769157-67-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidiny]-6-methoxy-4-oxopyrido[3,4-d]pyrimidin-3(4H)-yl)methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-66-6
 CMP C21 H22 N6 O2

Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 76-05-1
 CMP C2 H F3 O2

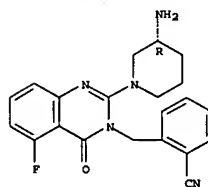


RN 769157-71-3 CAPLUS
 CN Benzonitrile, 3-[[2-[(3R)-3-amino-1-piperidiny]-5-fluoro-4-oxo-3(4H)-quinazolinyl)methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-70-2
 CMP C21 H20 F N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
 CMP C2 H F3 O2



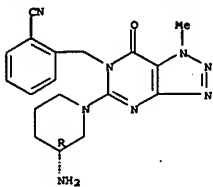
RN 769157-73-5 CAPLUS
 CN Benzonitrile, 2-[[5-[(3R)-3-amino-1-piperidiny]-1,7-dihydro-1-methyl-7-oxo-6H-1,2,3-triazolo[4,5-d]pyrimidin-6-yl)methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

04/24/2006

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CRN 769157-72-4
 CMP C16 H20 N8 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
 CMP C2 H F3 O2



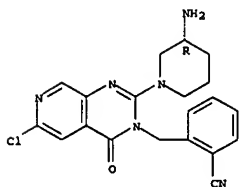
RN 769157-77-9 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-5,6,7,8-tetrahydro-4-oxo-3(4H)-quinazolinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-76-8
 CMP C21 H25 N5 O

Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



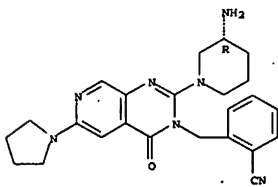
CM 2

CRN 76-05-1
 CMP C2 H F3 O2



RN 769157-80-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-oxo-6-(1-pyrrolidinyl)pyrido[3,4-d]pyrimidin-3(4H)-yl]methyl]- (9CI) (CA INDEX NAME)

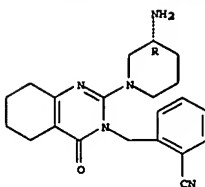
Absolute stereochemistry.



RN 769157-81-5 CAPLUS
 CN 4(3H)-Quinazolinone, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-3-[[2-(trifluoromethyl)phenyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
 CMP C2 H F3 O2



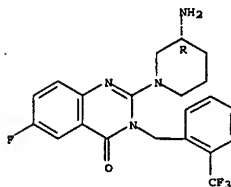
RN 769157-79-1 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-chloro-4-oxopyrido[3,4-d]pyrimidin-3(4H)-yl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-78-0
 CMP C20 H19 Cl N6 O

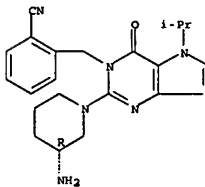
Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

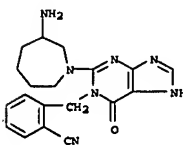


RN 769157-82-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dihydro-7-(1-methylethyl)-6-oxo-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

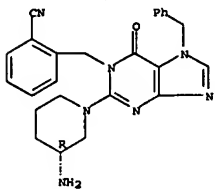


RN 769157-83-7 CAPLUS
 CN Benzonitrile,
 2-[[2-[(3-amino-1H-azepin-1-yl)-6,7-dihydro-6-oxo-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)



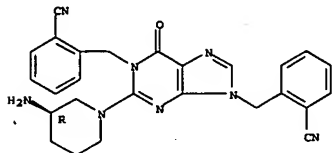
RN 769157-84-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dihydro-6-oxo-7-(phenylmethyl)-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
Absolute stereochemistry.



RN 769157-85-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-1H-purin-1,9(6H)-diyl]bis(methylene)]bis- (9CI) (CA INDEX NAME)

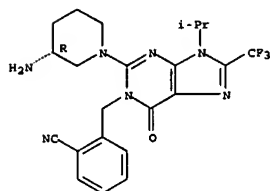
Absolute stereochemistry.



RN 769157-86-0 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,9-dihydro-6-oxo-9-propyl-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

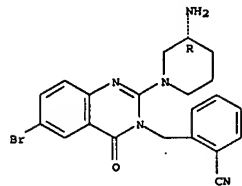
Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 769157-89-3 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-bromo-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



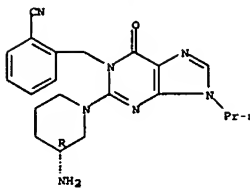
RN 769157-91-7 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-pyrrolidinyl]-6-bromo-4-oxo-3(4H)-quinazolinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-90-6
CMF C20 H18 Br N5 O

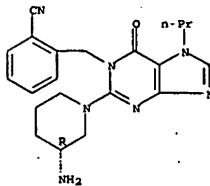
Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 769157-87-1 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dihydro-6-oxo-7-propyl-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

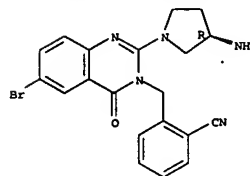
Absolute stereochemistry.



RN 769157-88-2 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,9-dihydro-9-(1-methylethyl)-6-oxo-8-(trifluoromethyl)-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



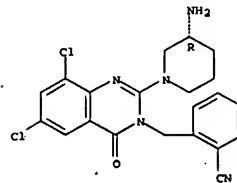
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 769157-92-8 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,8-dichloro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

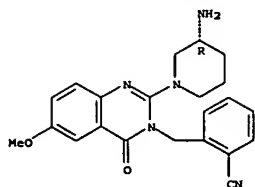
Absolute stereochemistry.



RN 769157-93-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-methoxy-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

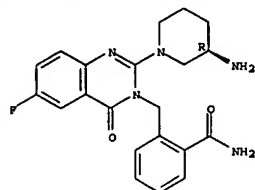
Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN. (Continued)



RN 769157-94-0 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

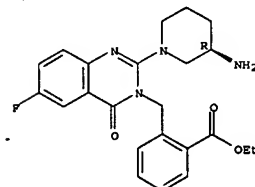


RN 769157-95-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-7-(4-morpholinyl)-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

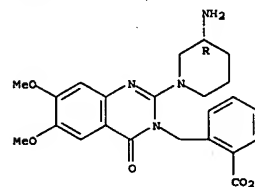
L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN. (Continued)
 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 769158-04-5 CAPLUS
 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dimethoxy-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

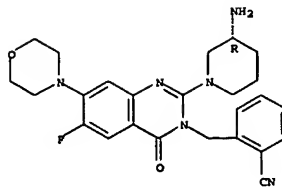
Absolute stereochemistry.



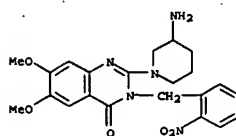
RN 769158-05-6 CAPLUS
 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN. (Continued)

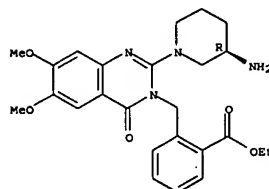


RN 769158-01-2 CAPLUS
 CN 4(3H)-Quinazolinone, 2-[(3-amino-1-piperidinyl)-6,7-dimethoxy-3-[(2-nitrophenyl)methyl]- (9CI) (CA INDEX NAME)



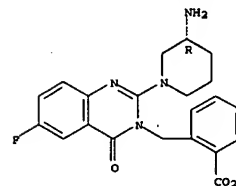
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 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dimethoxy-4-oxo-3(4H)-quinazolinyl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

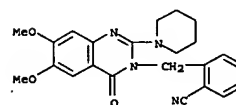


RN 769158-03-4 CAPLUS

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN. (Continued)

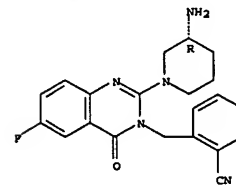


RN 769158-06-7 CAPLUS
 CN Benzonitrile, 2-[[6,7-dimethoxy-4-oxo-2-(1-piperidinyl)-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)



RN 769158-14-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



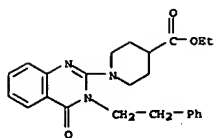
L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:211993 CAPLUS
 DOCUMENT NUMBER: 140:264510
 TITLE: 4-Oxo-quinazoline agonist ligands for the liver X nuclear receptor and their use in treatment of disorders of lipid metabolism
 INVENTOR(S): Kober, Ingo; Albers, Michael; Koegl, Manfred; Blume, Beatrix; Deuschle, Ulrich; Kremoser, Claus
 PATENT ASSIGNEE(S): Phenex Pharmaceuticals A.-G., Germany
 SOURCE: Eur. Pat. Appl., 85 pp.
 CODEN: EPXXLW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1398032	A1	20040317	EP 2003-20417	20030910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
EP 1407774	A1	20040414	EP 2002-20255	20020910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			EP 2002-20255	A 20020910

OTHER SOURCE(S): MARPAT 140:264510
 AB 4-Oxo-quinazoline ligands for liver X receptors (LXR receptors, LXRs/NR1 H3 and LXRbeta/NR1H2) acting as selective agonists of the receptor are described. The invention further relates to the treatment of diseases and/or conditions through binding of said nuclear receptors and selective agonistic effects by said compds. and the production of medicaments using said compds. In particular the compds. are useful in the treatment of hypercholesterolemia, obesity or other diseases associated with elevated lipoprotein (LDL) levels. Reporter gene methods of screening for effective agonists of the receptor are described.
 IT 671211-38-4
 RI: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (as liver X receptor agonist; 4-oxo-quinazoline agonist ligands for liver X nuclear receptor and their use in treatment of disorders of lipid metabolism)
 RN 671211-38-4 CAPLUS
 CN 4-Piperidinecarboxylic acid, 1-[3,4-dihydro-4-oxo-3-(2-phenylethyl)-2-quinazolinyl]-, ethyl ester (9CI) (CA INDEX NAME)

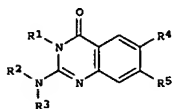
L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



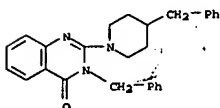
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
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L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:543605 CAPLUS
 DOCUMENT NUMBER: 138:106649
 TITLE: Solid-phase synthesis of quinazolin-4(3H)-ones with three-point diversity
 AUTHOR(S): Kesarwani, A. P.; Srivastava, G. K.; Rastogi, S. K.; Kundu, B.
 CORPORATE SOURCE: Medicinal Chemistry Division, Central Drug Research Institute, Lucknow, 226 001, India
 SOURCE: Tetrahedron Letters (2002), 43(32), 5579-5581
 CODEN: TELEAY; ISSN: 0040-4039
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 138:106649
 GI

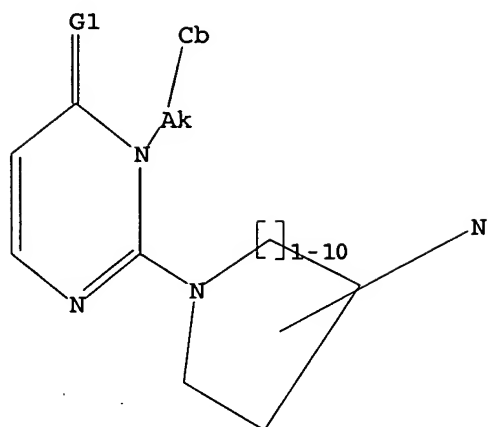


AB A versatile method for the solid-phase synthesis of differentially substituted quinazolin-4(3H)-ones I (R1 = Et, Ph, PhCH2; R2 = Bu, R3 = Me; R2R3N = N-methylpiperazino, 4-benzylpiperidino, morpholino; R4 = R5 = H, R4R5 = CH2CH2CH3) was developed using immobilized arylguanidines. The latter were obtained by treating the amino group of polymer-linked aminoaryl amide with isothiocyanates R1NCS followed by coupling of resulting thioureas with secondary amines R3NHR4. Under mild acidic conditions, these immobilized arylguanidines underwent cyclization/polymer matrix cleavage to give I in high yields and purities.
 IT 485402-04-8P
 RI: SPN (Synthetic preparation); PREP (Preparation) (solid-phase synthesis of (amino)quinazolinones with three points of diversity from aminoaryl carboxylic acids, isothiocyanates, and secondary amines)
 RN 485402-04-8 CAPLUS
 CN 4(3H)-Quinazolinone, 3-(phenylmethyl)-2-[4-(phenylmethyl)-1-piperidinyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:03:47 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 373 TO ITERATE

100.0% PROCESSED 373 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 6302 TO 8618

PROJECTED ANSWERS: 6 TO 266

L2 6 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 14:03:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 7483 TO ITERATE

100.0% PROCESSED 7483 ITERATIONS

119 ANSWERS

SEARCH TIME: 00.00.01

L3 119 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

166.94

167.15

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FILE LAST UPDATED: 23 Apr 2006 (20060423/ED)

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<http://www.cas.org/infopolicy.html>

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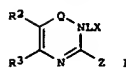
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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:135412 CAPLUS
 DOCUMENT NUMBER: 142:240442
 TITLE: Preparation of pyrimidinones as dipeptidyl peptidase IV (DPP-IV) inhibitors
 INVENTOR(S): Feng, Jun; Gwaltney, Stephen L., II; Kaldor, Stephen W.; Stafford, Jeffrey A.; Wallace, Michael B.; Zhang, Zhiyuan
 PATENT ASSIGNEE(S): Syrrco, Inc., USA
 SOURCE: Eur. Pat. Appl., 102 pp.
 CODEN: EPXIDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1506967	A1	20050216	EP 2004-254864	20040812
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,				
AU 2004265341	A1	20050224	AU 2004-265341	20040812
CA 2535619	AA	20050224	CA 2004-2535619	20040812
WO 2005016911	A1	20050224	WO 2004-US26265	20040812
W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005065148	A1	20050324	US 2004-918318	20040812
US 2005070530	A1	20050331	US 2004-917955	20040812
US 2005070531	A1	20050331	US 2004-918186	20040812
US 2005070535	A1	20050331	US 2004-918317	20040812
US 2005070706	A1	20050331	US 2004-918326	20040812
US 2005075330	A1	20050407	US 2004-918327	20040812
JP 2005060401	A2	20050310	JP 2004-263071	20040813
PRIORITY APPLN. INFO.:			US 2003-495238P	P 20030813
			WO 2004-US26265	W 20040812

OTHER SOURCE(S): MARPAT 142:240442
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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

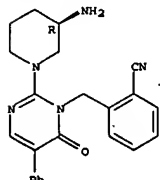


AB Title compds. [I: O = CO, SO, SO₂, C=NR₄; Z = halo, perhaloalkyl, amino, cyano, (substituted) alkyl, cycloalkyl, aryl, heteroaryl, alkylcarbonyl, etc.; R₂, R₃ = H, halo, perhaloalkyl, amino, cyano, NO₂, SH, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aralkyl, heteroarylalkyl, aryl, heteroaryl, etc.; R₄ = H, (substituted) alkyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl, aralkyl, heteroarylalkyl, bicycloalkyl, heterobicycloalkyl; L = 0-6 atom linker; X = OH, (substituted) alkyl, cycloalkyl, heterocycloalkyl, aralkyl, heteroarylalkyl, bicycloalkyl, heterobicycloalkyl, alkylcarbonyl, alkylthiocarbonyl, alkylsulfinyl, aryl, heteroaryl, alkoxy, aryloxy, heteroaryloxy, alkenyl, alkynyl, etc.], were prepared. Thus, 2-(5-bromo-2-chloro-6-oxo-6H-pyrimidin-1-ylmethyl)benzonitrile (preparation given), (R)-3-aminopiperidine dihydrochloride, and NaHCO₃ were stirred together for 90 min. in EtOH to give 62b 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-6H-pyrimidin-1-ylmethyl]benzonitrile. I inhibited DPP-IV with K_i = 10-9 M to 10-5 M.

IT 844842-48-4P 844842-51-9P 844842-53-1P
 844842-56-4P 844842-58-6P 844842-60-0P
 844842-62-2P 844842-64-4P 844842-66-6P
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 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (claimed compound; preparation of pyrimidinones as dipeptidyl peptidase IV inhibitors)
 RN 844842-48-4 CAPLUS

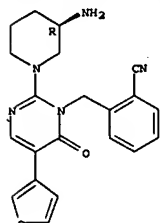
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-phenyl-1(6H)-pyrimidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-51-9 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-6-oxo-1(6H)-pyrimidinylmethyl]- (9CI) (CA INDEX NAME)

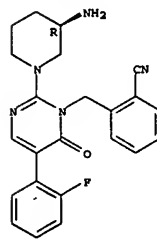
Absolute stereochemistry.



RN 844842-53-1 CAPLUS
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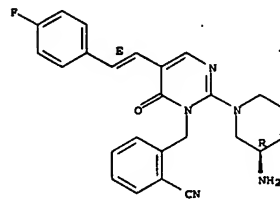
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-56-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-[(1E)-2-(4-fluorophenyl)ethenyl]-6-oxo-1(6H)-pyrimidinylmethyl]- (9CI) (CA INDEX NAME)

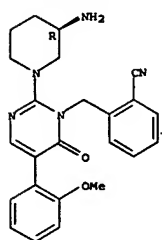
Absolute stereochemistry.
 Double bond geometry as shown.



RN 844842-58-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(2-methoxyphenyl)-6-oxo-1(6H)-pyrimidinylmethyl]- (9CI) (CA INDEX NAME)

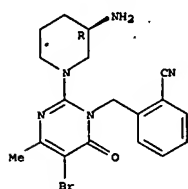
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-60-0 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-4-methyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

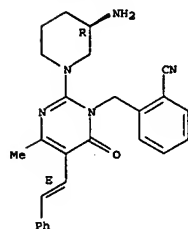
Absolute stereochemistry.



RN 844842-62-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-phenyl-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

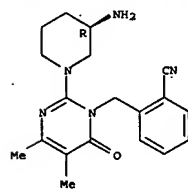
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-68-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4,5-dimethyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

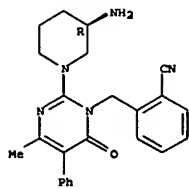
Absolute stereochemistry.



RN 844842-70-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

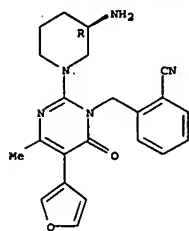
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-64-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-4-methyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

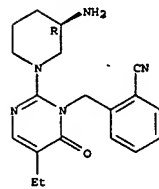
Absolute stereochemistry.



RN 844842-66-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-[(1E)-2-phenylethenyl]-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

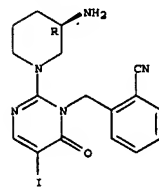
Absolute stereochemistry.
 Double bond geometry as shown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



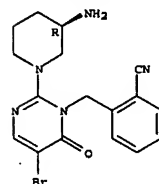
RN 844842-74-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-iodo-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-76-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

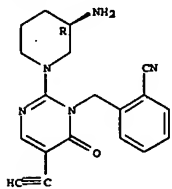
Absolute stereochemistry.



RN 844842-78-0 CAPLUS

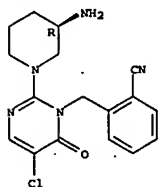
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethynyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-79-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

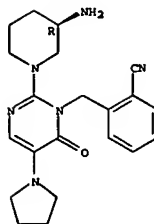
Absolute stereochemistry.



RN 844842-80-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-(1-pyrrolidinyl)-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

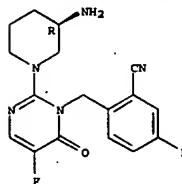
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-81-5 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-5-fluoro- (9CI) (CA INDEX NAME)

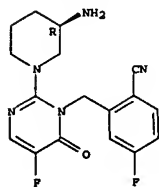
Absolute stereochemistry.



RN 844842-82-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

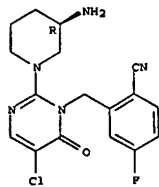
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



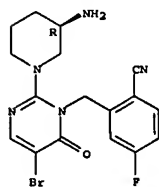
RN 844842-83-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-84-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

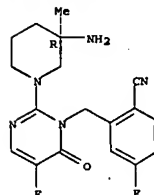


RN 844842-85-9 CAPLUS

Habte

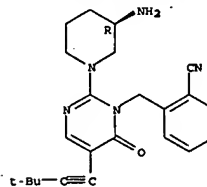
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-87-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-(3,3-dimethyl-1-butynyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

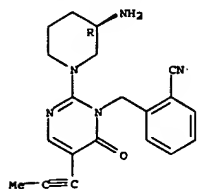
Absolute stereochemistry.



RN 844842-88-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-6-oxo-5-(1-propynyl)-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

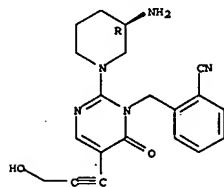
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-89-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-hydroxy-1-propynyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

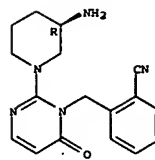
Absolute stereochemistry.



RN 844842-90-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

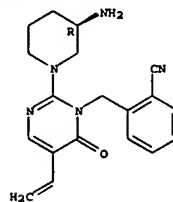
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-91-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethenyl-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

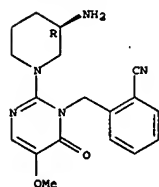
Absolute stereochemistry.



RN 844842-92-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-methoxy-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

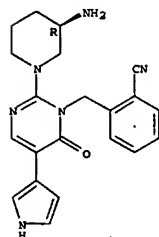
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-93-9 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-(1H-pyrrol-3-yl)-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

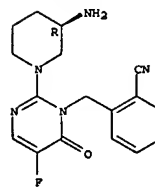
Absolute stereochemistry.



RN 844842-94-0 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

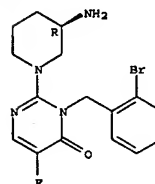
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-95-1 CAPLUS
 CN 4(3H)-Pyrimidinone, 2-[[2-[(3R)-3-amino-1-piperidinyl]-3-[(2-bromophenyl)methyl]-5-fluoro- (9CI) (CA INDEX NAME)

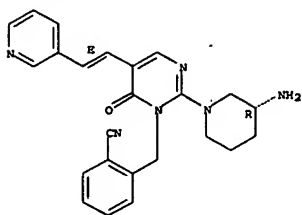
Absolute stereochemistry.



RN 844842-96-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-[(1E)-2-(3-pyridinyl)ethenyl]-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

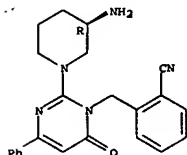
Absolute stereochemistry.
 Double bond geometry as shown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 844842-97-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-4-phenyl-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 844842-98-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

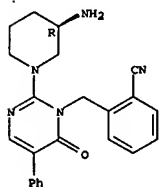
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 844843-01-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-phenyl-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-48-4
 CMF C23 H23 N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
 CMF C2 H F3 O2



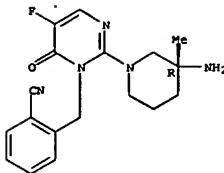
RN 844843-02-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-51-9
 CMF C21 H21 N5 O2

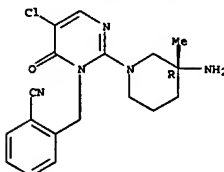
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



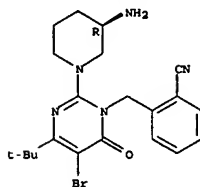
RN 844842-99-5 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

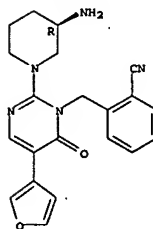


RN 844843-00-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-4-(1,1-dimethylethyl)-6-oxo-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
 CMF C2 H F3 O2



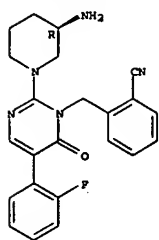
RN 844843-03-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(2-fluorophenyl)-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-53-1
 CMF C23 H22 F N5 O

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

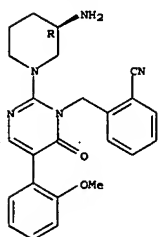
RN 844843-04-5 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-[(1E)-2-(4-fluorophenyl)ethenyl]-6-oxo-1(6H)-pyrimidinyl)methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-56-4
CMF C25 H24 F N5 O

Absolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

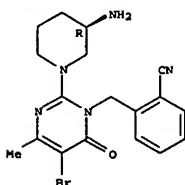
CRN 76-05-1
CMF C2 H F3 O2

RN 844843-08-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-4-methyl-6-oxo-1(6H)-pyrimidinyl)methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

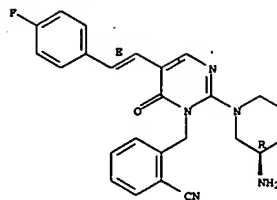
CRN 844842-60-0
CMF C18 H20 Br N5 O

Absolute stereochemistry.



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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

RN 844843-06-7 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(2-methoxyphenyl)-6-oxo-1(6H)-pyrimidinyl)methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-58-6
CMF C24 H25 N5 O2

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

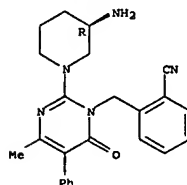
CRN 76-05-1
CMF C2 H F3 O2

RN 844843-09-0 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-phenyl-1(6H)-pyrimidinyl)methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-62-2
CMF C24 H25 N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

RN 844843-10-3 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-(3-furanyl)-4-methyl-6-oxo-1(6H)-pyrimidinyl)methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

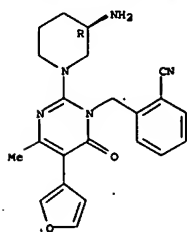
04/24/2006

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 1

CRN 844842-64-4
CMF C22 H23 N5 O2

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

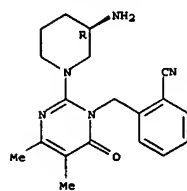
RN 844843-11-4 CAPLUS

CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-methyl-6-oxo-5-[(1E)-2-phenylethenyl]-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-66-6
CMF C26 H27 N5 OAbsolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

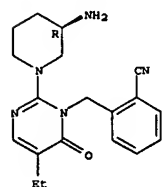
RN 844843-13-6 CAPLUS

CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-70-2
CMF C19 H23 N5 O

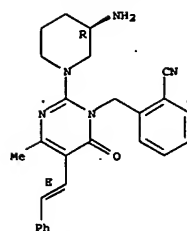
Absolute stereochemistry.



CM 2

Habte

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 76-05-1
CMF C2 H F3 O2

RN 844843-12-5 CAPLUS

CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4,5-dimethyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-68-8
CMF C19 H23 N5 O

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 76-05-1
CMF C2 H F3 O2

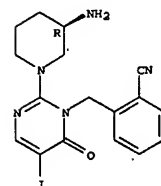
RN 844843-14-7 CAPLUS

CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-iodo-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 844842-74-6
CMF C17 H18 I N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

RN 844843-15-8 CAPLUS

CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

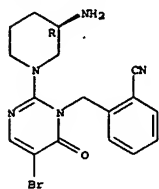
CM 1

CRN 844842-76-8
CMF C17 H18 Br N5 O

04/24/2006

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



CM 2
CRN 76-05-1
CMF C2 H F3 O2

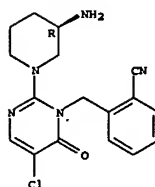


RN 844843-16-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
CRN 844842-79-1
CMF C17 H18 Cl N5 O

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2
CRN 76-05-1
CMF C2 H F3 O2

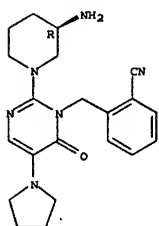


RN 844843-17-0 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-(1-pyrrolidinyl)-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
CRN 844842-80-4
CMF C21 H26 N6 O

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



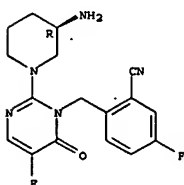
CM 2
CRN 76-05-1
CMF C2 H F3 O2



RN 844843-19-2 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-5-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
CRN 844842-81-5
CMF C17 H17 F2 N5 O

Absolute stereochemistry.



Habte

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

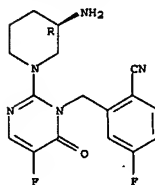
CM 2
CRN 76-05-1
CMF C2 H F3 O2



RN 844843-21-6 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
CRN 844842-82-6
CMF C17 H17 F2 N5 O

Absolute stereochemistry.



CM 2
CRN 76-05-1
CMF C2 H F3 O2



RN 844843-22-7 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)

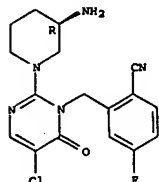
CM 1

04/24/2006

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

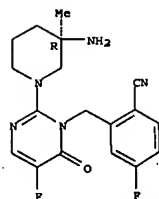
CRN 844842-83-7
CMF C17 H17 Cl F N5 O

Absolute stereochemistry.

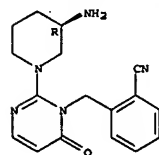
CM 2
CRN 76-05-1
CMF C2 H F3 O2RN 844843-23-8 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-bromo-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)CM 1
CRN 844842-84-8
CMF C17 H17 Br F N5 O

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

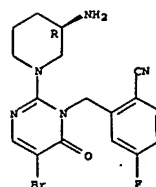
CM 2
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CMF C2 H F3 O2RN 844843-26-1 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)CM 1
CRN 844842-90-6
CMF C17 H19 N5 O

Absolute stereochemistry.

CM 2
CRN 76-05-1

Habte

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

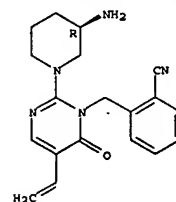
CM 2
CRN 76-05-1
CMF C2 H F3 O2RN 844843-24-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-4-fluoro-, trifluoroacetate (9CI) (CA INDEX NAME)CM 1
CRN 844842-85-9
CMF C18 H19 F2 N5 O

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 844843-27-2 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-ethenyl-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)CM 1
CRN 844842-91-7
CMF C19 H21 N5 O

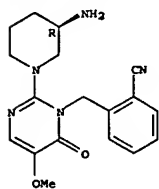
Absolute stereochemistry.

CM 2
CRN 76-05-1
CMF C2 H F3 O2RN 844843-28-3 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-methoxy-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)CM 1
CRN 844842-92-8
CMF C18 H21 N5 O2

04/24/2006

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



CM 2
CRN 76-05-1
CMF C2 H F3 O2

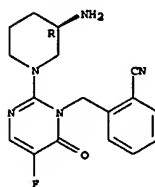


RN 844843-29-4 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1
CRN 844842-94-0
CMF C17 H18 F N5 O

Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2
CRN 76-05-1
CMF C2 H F3 O2

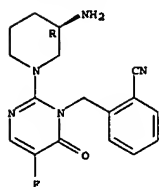


RN 844843-30-7 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-, (2R,3R)-2,3-dihydroxybutanedioate (9CI) (CA INDEX NAME)

CM 1
CRN 844842-94-0
CMF C17 H18 F N5 O

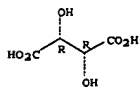
Absolute stereochemistry.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



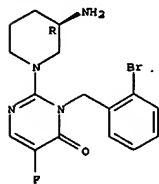
CM 2
CRN 87-69-4
CMF C4 H6 O6

Absolute stereochemistry.



RN 844843-31-8 CAPLUS
CN 4(3H)-Pyrimidinone, 2-[[2-[(3R)-3-amino-1-piperidinyl]-3-[(2-bromophenyl)methyl]-5-fluoro-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

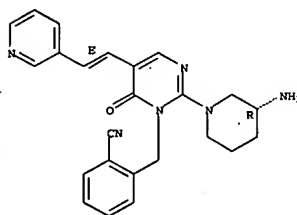


●x HCl

RN 844843-32-9 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-5-[(1E)-2-(3-

Habte

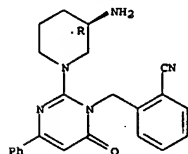
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

●x HCl

RN 844843-33-0 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-4-phenyl-1(6H)-pyrimidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



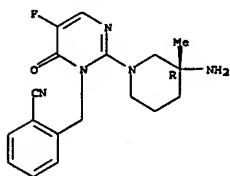
●x HCl

RN 844843-34-1 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-fluoro-6-oxo-1(6H)-pyrimidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

04/24/2006

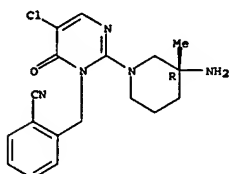
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● x HCl

RN 844843-35-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-chloro-6-oxo-1(6H)-pyrimidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



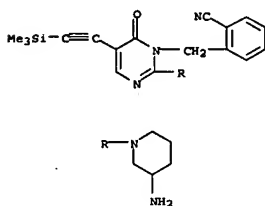
● x HCl

RN 844843-36-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-5-bromo-4-(1,1-dimethylethyl)-6-oxo-1(6H)-pyrimidinyl]methyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

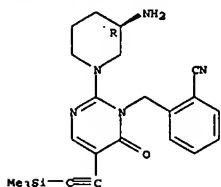
CRN 844843-00-1
 CMP C21 H26 Br N5 O

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

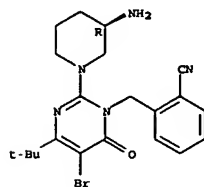


RN 844843-72-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-6-oxo-5-[(trimethylsilyl)ethynyl]-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 Absolute stereochemistry.

CM 2

CRN 76-05-1
 CMP C2 H F3 O2



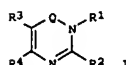
IT 844843-44-3P 844843-72-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrimidinones as dipeptidyl peptidase IV inhibitors)
 RN 844843-44-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-3-methyl-1-piperidinyl]-6-oxo-5-[(trimethylsilyl)ethynyl]-1(6H)-pyrimidinyl]methyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:857326 CAPLUS
 DOCUMENT NUMBER: 141:309639
 TITLE: Dipeptidyl peptidase inhibitors
 INVENTOR(S): Feng, Jun; Gwaltney, Stephen L.; Kaldor, Stephen W.; Stafford, Jeffrey A.; Wallace, Michael B.; Zhang, Zhiyuan
 PATENT ASSIGNEE(S): Syrrx, Inc., USA
 SOURCE: PCT Int. Appl., 244 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087053	A2	20041014	WO 2004-US9217	20040324
WO 2004087053	C2	20041111		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZH, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZH, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2518465	AA	20041014	CA 2004-2518465	20040324
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US 2004242566	A1	20041202	US 2004-809638	20040324
US 2004259870	A1	20041223	US 2004-809637	20040324
US 2005004117	A1	20050106	US 2004-809635	20040324
EP 1608317	A2	20051228	EP 2004-758366	20040324
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			US 2003-457785P	P 20030325
			WO 2004-US9217	W 20040324

OTHER SOURCE(S): MARPAT 141:309639
 GI



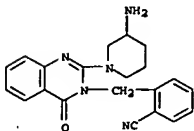
AB Dipeptidyl peptidase IV inhibitors I [Q = CO, SO, SO2, C(NR5); R1 = ZR6; Z = moiety providing 1-6 atom separation between R6 and ring; R2 = (substituted)3,7-membered ring; R3, R4 = taken together form a (substituted)5-6-membered ring; R5 = H, (substituted)alkyl, cycloalkyl, etc.; R6 = (substituted)3-7-cycloalkyl or aryl] are disclosed. Thus, 2-(2-(3-aminopiperidin-1-yl)-6,7-dimethoxy-4-oxo-4H-quinazolin-3-

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
ylmethyl]benzonitrile (1; R1 = 2-cyanophenylmethyl; R2 = 3-aminopiperidin-1-yl; R3, R4 = dimethoxyphenyl) was synthesized. This compd. exhibited enhanced stability in rat liver microsomes.

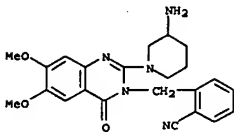
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769157-91-7P 769157-92-8P 769157-93-9P
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769158-02-3P 769158-03-4P 769158-04-5P
769158-05-6P 769158-14-7P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);
BIOL (Biological study); PREP (Preparation)
(dipeptidyl peptidase inhibitors)

RN 769157-54-2 CAPLUS
CN Benzonitrile, 2-[[2-(3-amino-1-piperidinyl)-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

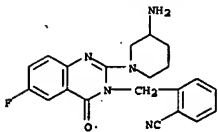


RN 769157-55-3 CAPLUS
CN Benzonitrile, 2-[[2-(3-amino-1-piperidinyl)-6,7-dimethoxy-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

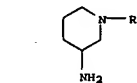
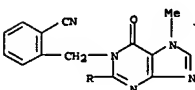


RN 769157-56-4 CAPLUS
CN Benzonitrile, 2-[[2-(3-amino-1-piperidinyl)-8-methoxy-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

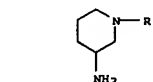
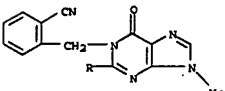
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 769157-60-0 CAPLUS
CN Benzonitrile,
2-[[2-(3-amino-1-piperidinyl)-6,7-dihydro-7-methyl-6-oxo-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)



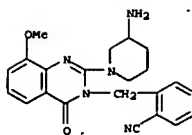
RN 769157-61-1 CAPLUS
CN Benzonitrile,
2-[[2-(3-amino-1-piperidinyl)-6,9-dihydro-9-methyl-6-oxo-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)



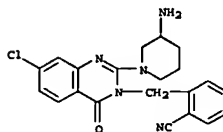
RN 769157-62-2 CAPLUS

Hahte

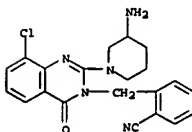
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 769157-57-5 CAPLUS
CN Benzonitrile, 2-[[2-(3-amino-1-piperidinyl)-7-chloro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

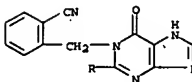


RN 769157-58-6 CAPLUS
CN Benzonitrile, 2-[[2-(3-amino-1-piperidinyl)-8-chloro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)



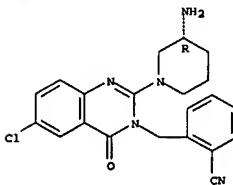
RN 769157-59-7 CAPLUS
CN Benzonitrile, 2-[[2-(3-amino-1-piperidinyl)-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN Benzonitrile, 2-[[2-(3-amino-1-piperidinyl)-6,7-dihydro-6-oxo-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)



RN 769157-63-3 CAPLUS
CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-chloro-4-oxo-3(4H)-quinazolinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 769157-65-5 CAPLUS
CN Benzonitrile,
2-[[2-[(3R)-3-amino-1-piperidinyl]-7-fluoro-6-methoxy-4-oxo-3(4H)-quinazolinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

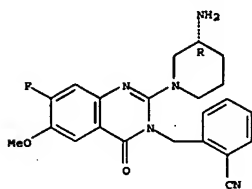
CRN 769157-64-4
CMP C22 H22 F N5 O2

Absolute stereochemistry.

04/24/2006

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

(Continued)



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 769157-67-7 CAPLUS

CN Benzonitrile,

2-[[2-[(3R)-3-amino-1-piperidinyl]-6-methoxy-4-oxopyrido[3,4-d]pyrimidin-3(4H)-yl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

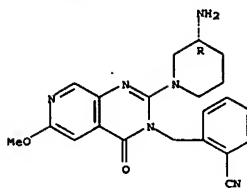
CRN 769157-66-6

CMF C21 H22 N6 O2

Absolute stereochemistry.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

(Continued)



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 769157-69-9 CAPLUS

CN Benzonitrile, 2-[[6-[(3R)-3-amino-1-piperidinyl]-1,4-dihydro-1-methyl-4-oxo-5H-pyrazolo[3,4-d]pyrimidin-5-yl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

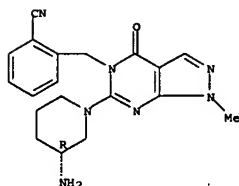
CRN 769157-68-8

CMF C19 H21 N7 O

Absolute stereochemistry.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

(Continued)



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 769157-71-3 CAPLUS

CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-5-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

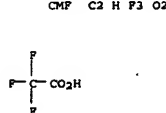
CRN 769157-70-2

CMF C21 H20 F N5 O

Absolute stereochemistry.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

(Continued)



RN 769157-73-5 CAPLUS

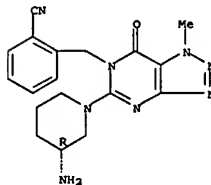
CN Benzonitrile, 2-[[5-[(3R)-3-amino-1-piperidinyl]-1,7-dihydro-1-methyl-7-oxo-6H-1,2,3-triazolo[4,5-d]pyrimidin-6-yl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 769157-72-4

CMF C18 H20 N8 O

Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 769157-77-9 CAPLUS

CN Benzonitrile,

2-[[2-[(3R)-3-amino-1-piperidinyl]-5,6,7,8-tetrahydro-4-oxo-3(4H)-quinazolinyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

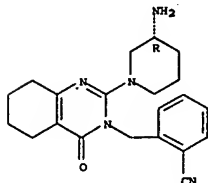
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L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 769157-76-8
 CNF C21 H25 N5 O

Absolute stereochemistry.



CH 2

CRN 76-05-1
 CNF C2 H F3 O2



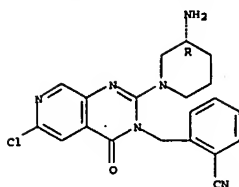
RN 769157-79-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-chloro-4-oxopyrido[3,4-d]pyrimidin-3(4H)-yl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 769157-78-0
 CNF C20 H19 Cl N6 O

Absolute stereochemistry.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



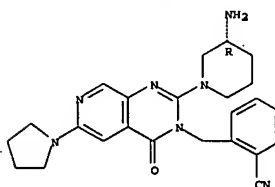
CH 2

CRN 76-05-1
 CNF C2 H F3 O2



RN 769157-80-4 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-4-oxo-6-(1-pyrrolidinyl)pyrido[3,4-d]pyrimidin-3(4H)-yl]methyl]- (9CI) (CA INDEX NAME)

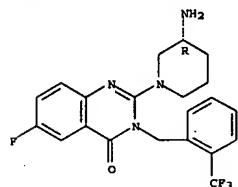
Absolute stereochemistry.



RN 769157-81-5 CAPLUS
 CN 4(3H)-Quinazolinone, 2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-3-[[2-(trifluoromethyl)phenyl]methyl]- (9CI) (CA INDEX NAME)

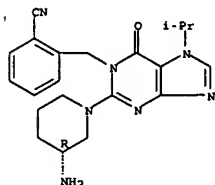
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.

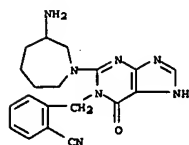


RN 769157-82-6 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dihydro-7-(1-methylethyl)-6-oxo-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 769157-83-7 CAPLUS
 CN Benzonitrile, 2-[[2-(3-amino-6-hydroxy-1H-azepin-1-yl)-6,7-dihydro-6-oxo-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

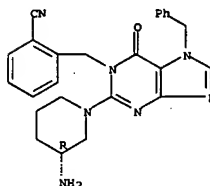


RN 769157-84-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dihydro-6-oxo-7-

Habte

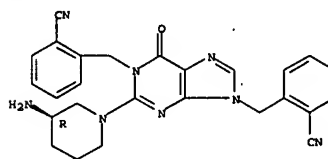
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



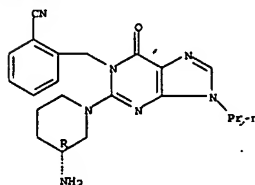
RN 769157-85-9 CAPLUS
 CN Benzonitrile, 2,2'-[[2-[(3R)-3-amino-1-piperidinyl]-6-oxo-1H-purine-1,9(6H)-diyl]bis(methylene)]bis- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 769157-86-0 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,9-dihydro-6-oxo-9-propyl-1H-purin-1-yl]methyl]- (9CI) (CA INDEX NAME)

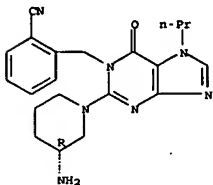
Absolute stereochemistry.



04/24/2006

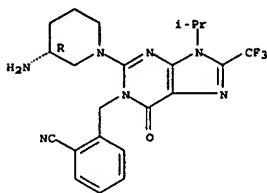
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 RN 769157-87-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dihydro-6-oxo-4-propyl-1H-purin-1-yl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



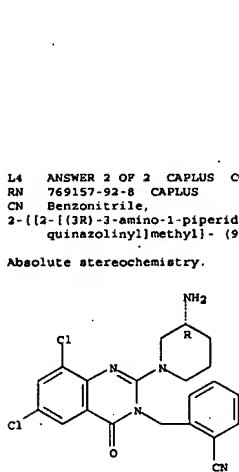
RN 769157-88-2 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,9-dihydro-9-(1-methylethyl)-6-oxo-8-(trifluoromethyl)-1H-purin-1-yl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



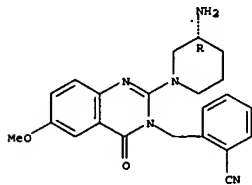
RN 769157-89-3 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-bromo-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 769157-93-9 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-methoxy-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

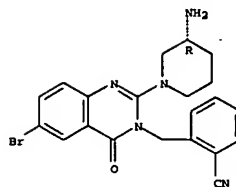


RN 769157-94-0 CAPLUS
 CN Benzanide, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

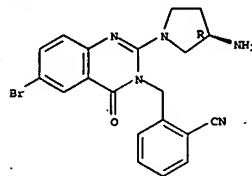


RN 769157-91-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-pyrrolidinyl]-6-bromo-4-oxo-3(4H)-quinazolinyl)methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 769157-90-6
 CMF C20 H18 Br N5 O

Absolute stereochemistry.



CH 2

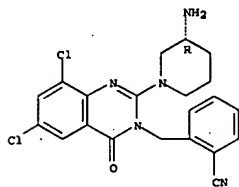
CRN 76-05-1
 CMF C2 H F3 O2



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

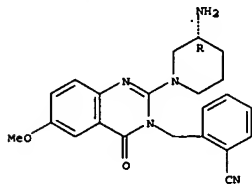
RN 769157-92-8 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,8-dichloro-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 769157-93-9 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-methoxy-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

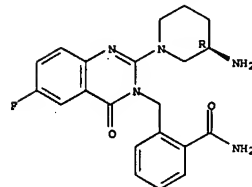


RN 769157-94-0 CAPLUS
 CN Benzanide, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

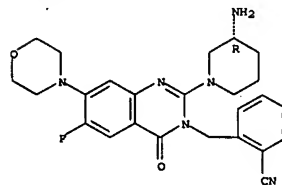


L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

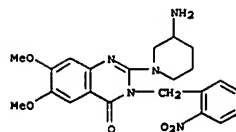


RN 769157-95-1 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-7-(4-morpholinyl)-4-oxo-3(4H)-quinazolinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



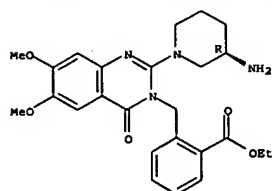
RN 769158-01-2 CAPLUS
 CN 4(3H)-Quinazolinone, 2-[(3-amino-1-piperidinyl)-6,7-dimethoxy-3-[(2-nitrophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 769158-02-3 CAPLUS
 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dimethoxy-4-oxo-3(4H)-quinazolinyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)

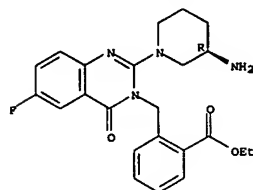
Absolute stereochemistry.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 769158-03-4 CAPLUS
 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

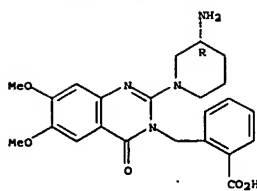
Absolute stereochemistry.



RN 769158-04-5 CAPLUS
 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6,7-dimethoxy-4-oxo-3(4H)-quinazolinyl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

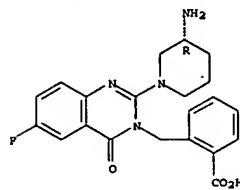
Absolute stereochemistry.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 769158-05-6 CAPLUS
 CN Benzoic acid, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 769158-14-7 CAPLUS
 CN Benzonitrile, 2-[[2-[(3R)-3-amino-1-piperidinyl]-6-fluoro-4-oxo-3(4H)-quinazolinyl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

